



Aloha

Requested by Jake Lauser, Gemology Online Forum

Gemcad by Kim Lembke, Jan 2017

Angles for R.I. = 2.160

51 + 10 girdles = 61 facets

5-fold radial symmetry

80 index

L/W = 1.051 T/W = 0.256 U/W = 0.243

P/W = 0.528 C/W = 0.229

Vol./W³ = 0.273

PAVILION

P1	41.51°	03-19-35-51-67	Cut to CP
P2	45.53°	02-18-34-50-66	No meet. Cut to design
P3	50.39°	01-17-33-49-65	Meet P1,P2
P4	48.14°	04-20-36-52-68	Meet P1,P2,P3
P5	56.25°	80-16-32-48-64	No meet. Approximately match width of P2 tier
P6	54.57°	08-24-40-56-72	Meet P3,P4,P5
P7(G)	90.00°	80-16-32-48-64	Meet P3,P4,P5,P6
P8(G)	90.00°	08-24-40-56-72	Meet P3,P4,P5,P6,P7(G),P8(G)

CROWN

C1	56.49°	80-16-32-48-64	Establish girdle
C2	29.98°	08-24-40-56-72	Meet C1,P7(G). Continue girdle
C3	16.87°	04-20-36-52-68	No meet. Cut to design
C4	28.83°	11-27-43-59-75	Meet C2,C3
T	0.00°	Table	Meet C2,C3

Design based on a Hawaiian Hibiscus flower

